

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	10077973
<b>Application Number:</b>	10697863
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	1595
<b>Title of Invention:</b>	SPERM-SPECIFIC CATION CHANNEL,CATSPER1 AND USES THEREFOR
<b>First Named Inventor/Applicant Name:</b>	David E. Clapham
<b>Customer Number:</b>	23483
<b>Filer:</b>	Michael J. Twomey/Concetta Boulger
<b>Filer Authorized By:</b>	Michael J. Twomey
<b>Attorney Docket Number:</b>	110313.135U53
<b>Receipt Date:</b>	12-MAY-2011
<b>Filing Date:</b>	30-OCT-2003
<b>Time Stamp:</b>	17:07:37
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1110
RAM confirmation Number	3751
Deposit Account	080219
Authorized User	TWOMEY,MICHAEL J.

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Foreign Reference	WO0066735.pdf	3594685	no	69
			90012b0d17c7b722815a3d1b131cadbf1d7781e46		
Warnings:					
Information:					
2	Foreign Reference	WO0190304.pdf	786414	no	16
			eef121be009721ca5e6466ce9af07c9c40a83da020		
Warnings:					
Information:					
3	Foreign Reference	WO0188090.pdf	4861278	no	83
			3f0ccca1ab6c695c214baf1d2f128813217716c9		
Warnings:					
Information:					
4	NPL Documents	Chan.pdf	743700	no	13
			662b131371d76c1f59d7844949827814ca7108a		
Warnings:					
Information:					
5	NPL Documents	Colman.pdf	518490	no	5
			71cd87d2b6123fa52594f8d91272bf6f8f86c6a9b		
Warnings:					
Information:					
6	NPL Documents	XP002314909.pdf	72972	no	2
			b1196a0f14e3fab16327778f8f6c1abae0c9f		
Warnings:					
Information:					
7	NPL Documents	Jin.pdf	1441639	no	8
			6821b215c5ca3059baf6a1a1a196f70104f0		
Warnings:					
Information:					
8	NPL Documents	Martelange.pdf	806288	no	8
			71ad09a79905a5d62d4c6cf918f8e1ef5a2c7482a9		
Warnings:					
Information:					

9	NPL Documents	Watson.pdf	218659 1d5bae31b19c203dd8b049e993546ce053d8d	no	3
Warnings:					
Information:					
10	Extension of Time	0110313_00135US3_Extension _filed_May_12_2011.pdf	90805 e88be7cd023006b1ec3f5d316bdc19fcd195c25090	no	1
Warnings:					
Information:					
11		0110313_00135US3_OARespo nse_filed_May_12_2011.pdf	99559 4a27bb10f6293d1cc5d88e0814c1f94c7af02713bc	yes	7
Multipart Description/PDF files in .zip description					
Document Description		Start	End		
Amendment/Req. Reconsideration-After Non-Final Reject		1	1		
Claims		2	4		
Applicant Arguments/Remarks Made in an Amendment		5	7		
Warnings:					
Information:					
12	Transmittal Letter	110313_135US3_IDS_0512201 1.pdf	60477 7198c7ea7c1585c3dbaeaa2ec8f8561ec41e1ed	no	1
Warnings:					
Information:					
13	Information Disclosure Statement (IDS) Filed (SB/08)	110313_135US3_SB08_051220 11.pdf	107004 2e0917b1b8b5146b45760cd64dc15c26cd4688bc	no	2
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
14	Fee Worksheet (PTO-875)	fee-info.pdf	30468 c5ab4db1370732c3d5a5ab6766ee1074a2f4375d	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			13432438		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.